

Remarks

Applicants hereby add new claims 25-32. The new claims and claim amendments are supported at least by Figs. 2, 5 and 6 and the associated teachings of the specification including pages 11-15.

Claims 1-3 and 12-16 stand rejected under 35 USC 102(a) for anticipation by Japanese Patent Application No. 2003-284084 to Mizukura. Claims 4-6 stand rejected under 35 USC 103(a) for obviousness over Mizukura in view of U.S. Patent Publication No. 2003/0160881 A1 to Roddy. Claims 7 and 20 stand rejected under 35 USC 103(a) for obviousness over Mizukura in view of Roddy and further in view of U.S. Patent No. 5,923,380 to Yang. Claims 8 and 21 stand rejected under 35 USC 103(a) for obviousness over Mizukura in view of Roddy and further in view of Yang and further in view of U.S. Patent No. 6,219,140 to Kaplan. Claims 9, 10, 22 and 23 stand rejected under 35 USC 103(a) for obviousness over Mizukura in view of Roddy and further in view of U.S. Patent No. 7,154,545 to Gann.

Applicants respectfully request reconsideration of the rejections.

Referring to the rejections over the JP '084 reference, Applicants have uncovered a corresponding US application 2006/0012808 to Mizukura in the family of the JP '084 as cited in the enclosed IDS.

Referring to independent claim 1, Applicants have amended the image sensing device to comprise circuitry configured to *interpolate an output signal of one of the photosensors of one of the two color sub-channels using the output signal of another of the photosensors of another of the two color sub-channels.*

Applicants have failed to uncover any teachings in Mizukura of the above-recited circuitry configured to implement the interpolation as recited in the claims including interpolation of the output signal of one of the photosensors of one of the two color sub-channels using the output signal of another of the photosensors of another of the two color sub-channels.

Applicants respectfully submit claim 1 is allowable for at least the above-mentioned reasons and Applicants respectfully request allowance of the claim in the next Action.

The claims which depend from independent claim 1 are in condition for allowance for the reasons discussed above with respect to the independent claim as well as for their own respective features which are neither shown nor suggested by the cited art.

Independent claim 12 recites *combining an output of one of the photosensors of one of the two color sub-channels with the output of another of the photosensors of another of the two color sub-channels.*

Applicants have failed to identify any teachings in Mizukura of the claimed combining comprising combining outputs of the one and the another of the photosensors of the one and another two color sub-channels.

Applicants respectfully submit claim 12 is allowable for at least the above-mentioned reasons and Applicants respectfully request allowance of the claim in the next Action.

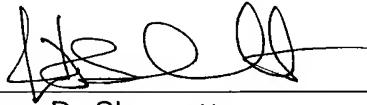
The claims which depend from independent claim 12 are in condition for allowance for the reasons discussed above with respect to the independent claim as well as for their own respective features which are neither shown nor suggested by the cited art.

Applicants respectfully request allowance of all pending claims.

The Examiner is requested to phone the undersigned if the Examiner believes such would facilitate prosecution of the present application. The undersigned is available for telephone consultation at any time during normal business hours (Pacific Time Zone).

Respectfully submitted,  
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By:

  
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